INVESTIGATOR'S ANNUAL REPORT

United States Department of the Interior

National Park Service

All or some of the information you provide may become available to the public.

OMB # (1024-0236)
Exp. Date (11/30/2010)
Form No. (10-226)

Reporting Year:	**Park:**	**Select the type of permit this report addresses:**
2010	Shenandoah NP	Scientific Study

Name of principal investigator or responsible official:	**Office Phone:**
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Additional investigators or key field assistants (first name, last name, office phone, office email)

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Project Title (maximum 300 characters):

Long Term Recovery of Fish Populations after a 500 Year Flood Event in a Shenandoah National Park Stream

Park-assigned Study or Activity #:	**Park-assigned Permit #:**	**Permit Start Date:**	**Permit Expiration Date:**
SHEN-00241	SHEN-2010-SCI-0014	May 09, 2010	Jun 30, 2011

Scientific Study Starting Date:	**Estimated Scientific Study Ending Date:**
Apr 15, 2011	Nov 30, 2013

For either a Scientific Study or a Science Education Activity, the status is:

Continuing

For a Scientific Study that is completed, please check each of the following that applies:

__ A final report has been provided to the park or will be provided to the park within the next two years

__ Copies of field notes, data files, photos, or other study records, as agreed, have been provided to the park

__ All collected and retained specimens have been cataloged into the NPS catalog system and NPS has processed loan agreements as needed

Activity Type:

Research

Subject/Discipline:

Fish / Ichthyology

Purpose of Scientific Study or Science Education Activity during the reporting year (maximum 4000 characters):

Document the long term influence of a flood and debris flow on a brook trout population. Determine growth, survival, and movements using PIT tags and basinwide sampling methods.

Findings and status of Scientific Study or accomplishments of Science Education Activity during the reporting year (maximum 4000 characters):

Presented a paper "Long-term study of brook trout abundance, growth, and movement in the Staunton River, Shenandoah National Park, VA" at Wild Trout X, West Yellowstone, MT in Septembe 2010.

For Scientific Studies (not Science Education Activities), were any specimens collected and removed from the park but not destroyed during analysis?

No

Funding specifically used in this park this reporting year that was provided by NPS (enter dollar amount):	**Funding specifically used in this park this reporting year that was provided by all other sources (enter dollar amount):**
$0	$7500

List any other U.S. Government Agencies supporting this study or activity and the funding each provided this reporting year: